

GenCore version 4.5
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OM protein - protein search, using sw model

Run on: August 28, 2002, 17:22:09 ; Search time 30.03 Seconds
(without alignments)
183.009 Million cell updates/sec

Title: US-09-502-984B-1
Perfect score: 1194

Sequence: 1 APPPNLPDKFESKALLAA.....GCFWSAWSEPVSLTPSDLD 225

Scoring table: BIOSUM62
Gapop 10.0 , Gapext 0.5

Searched: 231628 seqs, 24425594 residues

Total number of hits satisfying chosen parameters: 231628

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

Database :

Issued Patents_Aa: *
1: /cgn2_6/ptodata/2/1aa/5A.COMB.pep: *
2: /cgn2_6/ptodata/2/1aa/5B.COMB.pep: *
3: /cgn2_6/ptodata/2/1aa/6A.COMB.pep: *
4: /cgn2_6/ptodata/2/1aa/6B.COMB.pep: *
5: /cgn2_6/ptodata/2/1aa/PC10S.COMB.pep: *
6: /cgn2_6/ptodata/2/1aa/Backfile1.pep: *

Pred. No. is the number of results predicted by chance to have a
score greater than or equal to the score of the result being printed,
and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	1194	100.0	488	4	US-08-776-511-2
2	1187	99.4	508	2	US-08-850-293-5
3	202.5	17.0	185	1	US-07-676-647-10
4	202.5	17.0	185	1	US-08-449-329-10
5	202.5	17.0	185	2	US-08-445-073-10
6	202.5	17.0	185	2	US-08-585-258-10
7	202.5	17.0	185	4	US-09-211-590-10
8	202.5	17.0	185	5	PCT-US91-03896-10
9	201	16.8	482	1	US-08-184-327A-8
10	201	16.8	482	5	PCT-US95-00670-8
11	200	16.8	633	1	US-08-250-859-17
12	200	16.8	633	1	US-08-490-803-17
13	200	16.8	633	2	US-08-457-254-7
14	200	16.8	633	5	PCT-US94-08806-17
15	200	16.8	633	5	PCT-US95-01775-17
16	200	16.8	633	5	PCT-US95-16626-7
17	198	16.6	626	1	US-08-184-3327A-2
18	198	16.6	626	5	PCT-US95-00670-2
19	185	15.5	448	2	US-08-078-311-12
20	185	15.5	448	2	US-08-460-402-12
21	185	15.5	493	2	US-08-078-311-7
22	185	15.5	493	2	US-08-460-402-7
23	185	15.5	635	1	US-08-184-3327A-4
24	185	15.5	635	2	US-08-078-311-1
25	185	15.5	635	2	US-08-460-402-1
26	185	15.5	635	5	PCT-US95-00670-4
27	169	14.2	30	2	US-08-280-864A-7

28	169	14.2	30	4	US-09-092-291-7	Sequence 7, Appli
29	160.5	13.4	303	4	US-09-071-224-23	Sequence 23, Appl
30	160.5	13.4	389	4	US-09-071-224-22	Sequence 22, Appl
31	160.5	13.4	389	4	US-09-071-224-24	Sequence 24, Appl
32	160.5	13.4	389	4	US-09-071-224-26	Sequence 26, Appl
33	160.5	13.4	389	4	US-09-071-224-27	Sequence 27, Appl
34	160.5	13.4	392	4	US-09-071-224-18	Sequence 18, Appl
35	160.5	13.4	425	4	US-09-071-224-4	Sequence 4, Appl
36	160	13.4	32	2	US-08-280-864A-13	Sequence 13, Appl
37	160	13.4	32	4	US-09-092-291-13	Sequence 13, Appl
38	159.5	13.4	303	4	US-09-071-224-21	Sequence 21, Appl
39	159.5	13.4	385	4	US-09-071-224-20	Sequence 20, Appl
40	159.5	13.4	388	4	US-09-071-224-17	Sequence 17, Appl
41	159.5	13.4	389	4	US-09-071-224-25	Sequence 25, Appl
42	159.5	13.4	389	4	US-09-071-224-28	Sequence 28, Appl
43	159.5	13.4	389	4	US-09-071-224-29	Sequence 29, Appl
44	159.5	13.4	422	4	US-09-071-224-2	Sequence 2, Appli
45	158.5	13.3	389	4	US-09-071-224-30	Sequence 30, Appl

ALIGNMENTS

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RESULT 1
US-08-776-511-2
; Sequence 2, Application US/08776511
; Patent No. 6153190
;
GENERAL INFORMATION:
; APPLICANT: Young, Peter R.
; APPLICANT: Erickson-Miller, Connie
; TITLE OF INVENTION: Method for Obtaining Receptor Agonist
; TITLE OF INVENTION: Antibodies
; NUMBER OF SEQUENCES: 13
; CORRESPONDENCE ADDRESS:
; ADDRESS: SmithKline Beecham Corporation- Corporate
; ADDRESS: Patents
; STREET: 709 Swedeland Road
; CITY: King of Prussia
; STATE: Pennsylvania
; COUNTRY: USA
; ZIP: 19406-2799
;
COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
;
CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/776,511
; FILING DATE:
; CLASSIFICATION: 424
; ATTORNEY/AGENT INFORMATION:
; NAME: Jervais, Herbert H.
; REGISTRATION NUMBER: 31,171
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 610-270-5015
; TELEFAX: 610-270-5090
; INFORMATION FOR SEQ ID NO. 2:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 488 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein
;
US-08-776-511-2

Query Match 100.0%; Score 1194; DB 4; Length 488;
Best Local Similarity 100.0%; Pred. No. 1e-125;
Matches 225; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 APPPNLPDKFESKALLAARGPEELCTFTELELDVCFWEERASAGVPGNYSYOLE 60
DB 25 APPPNLPDKFESKALLAARGPEELCTFTELELDVCFWEERASAGVPGNYSYOLE 84
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QY 61 DEPWKLCRLHQAAPTARGAVFMCSTLPTADTSSFVPLELRTVTAAGAPRRYHVIHINEVYL 120
DB 85 DEPWKLCRLHQAAPTARGAVFMCSTLPTADTSSFVPLELRTVTAAGAPRRYHVIHINEVYL 144
QY 121 LDAPVGLVARLADSGHVLLRMLPPETPMTSHIREVDVSAGNGAGSVQVREILLEGRT 180
DB 145 LDAPVGLVARLADSGHVLLRMLPPETPMTSHIREVDVSAGNGAGSVQVREILLEGRT 204
QY 181 CVLSNLRGRTYTFVAVRARMAPSPGFGFWSAMSEPVSLTTPSDLD 225
DB 205 CVLSNLRGRTYTFVAVRARMAPSPGFGFWSAMSEPVSLTTPSDLD 249

RESULT 2
US-08-850-293-5
; Sequence 5, Application US/08850293
; Patent No. 5843726
; GENERAL INFORMATION:
; APPLICANT: Lee, Jong Y.
; TITLE OF INVENTION: PURIFIED HUMAN ERYTHROPOIETIN RECEPTOR
; TITLE OF INVENTION: PROTEIN FRAGMENT AND ANTIBODIES DERIVED THEREFROM
; NUMBER OF SEQUENCES: 5
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Fish & Richardson P.C., P.A.
; STREET: 60 South Sixth Street, Suite 3300
; CITY: Minneapolis
; STATE: MN
; COUNTRY: USA
; ZIP: 55402
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSeq for Windows Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/850,293
; FILING DATE: 05-MAY-1997
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/499,643
; FILING DATE: 07-JUL-1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/106,815
; FILING DATE: 16-AUG-1993
; ATTORNEY/AGENT INFORMATION:
; NAME: Ellinger, Mark S.
; REGISTRATION NUMBER: 34,812
; REFERENCE/DOCKET NUMBER: 07004/002001
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 612/335-5070
; TELEFAX: 612/288-9696
; INFORMATION FOR SEQ ID NO: 5:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 508 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein
; US-08-850-293-5

Query Match 99.4%; Score 1187; DB 2; Length 508;
Best Local Similarity 99.6%; Pred. No. 6,8e-125;
Matches 224; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1 APPPNLPDRKFSKALLAARGPEELCTFERLEDVCFWEESAAGVGPGNYSFSTOLE 60
DB 25 APPPNLPDRKFSKALLAARGPEELCTFERLEDVCFWEESAAGVGPGNYSFSTOLE 84
QY 61 DEPWKLCRLHQAAPTARGAVFMCSTLPTADTSSFVPLELRTVTAAGAPRRYHVIHINEVYL 120
DB 85 DEPWKLCRLHQAAPTARGAVFMCSTLPTADTSSFVPLELRTVTAAGAPRRYHVIHINEVYL 144

QY 121 LDAPVGLVARLADSGHVLLRMLPPETPMTSHIREVDVSAGNGAGSVQVREILLEGRT 180
DB 145 LDAPVGLVARLADSGHVLLRMLPPETPMTSHIREVDVSAGNGAGSVQVREILLEGRT 204
QY 181 CVLSNLRGRTYTFVAVRARMAPSPGFGFWSAMSEPVSLTTPSDLD 225
DB 205 CVLSNLRGRTYTFVAVRARMAPSPGFGFWSAMSEPVSLTTPSDLD 249

RESULT 3
US-07-676-647-10
; Sequence 10, Application US/07676647
; Patent No. 5426177
; GENERAL INFORMATION:
; APPLICANT: Davis, Samuel
; APPLICANT: Squinto, Stephen P.
; APPLICANT: Furtth, Mark E.
; APPLICANT: Yancopoulos, George D.
; TITLE OF INVENTION: The Ciliary Neurotrophic Factor Receptor
; NUMBER OF SEQUENCES: 15
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Penile & Edmonds
; STREET: 1155 Avenue of the Americas
; CITY: New York
; STATE: New York
; COUNTRY: U.S.A.
; ZIP: 10036
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/676,647
; FILING DATE: 19910328
; CLASSIFICATION: 514
; ATTORNEY/AGENT INFORMATION:
; NAME: Mistock, S. Leslie
; REGISTRATION NUMBER: 18,872
; REFERENCE/DOCKET NUMBER: 6526-048
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 212 790-9090
; TELEFAX: 212 8698864/9741
; TELEX: 66141 PENILE
; INFORMATION FOR SEQ ID NO: 10:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 185 amino acids
; TYPE: AMINO ACID
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: peptide
; US-07-676-647-10

Query Match 17.0%; Score 202.5; DB 1; Length 185;
Best Local Similarity 29.6%; Pred. No. 3,8e-15;
Matches 55; Conservative 3; Mismatches 127; Indels 1; Gaps 1;

QY 28 CPTERLEDVCFWEESAAGVGPGNYSFSTOLEDEPWKLCRLHQAAPTARGAVFMCSTLPT 87
DB 1 CPTERLEDVCFWXXXXXXXXXX-XXXXXXXXXXXXXXXXXXXXXXXXXXXXX 59
QY 88 ADTSSFVPLELRTVTAAGAPRRYHVIHINEVLLDAPVGLVARLADSGHVLLRMLPPE 147
DB 60 XXXXXXXXXXXXXXXXXXXXXXXXHHINEVLLDAPVGLVARLADSGHVLLRMLPPE 119
QY 148 TPMTSHIREVDVSAGNGAGSVQVREILLEGRTCVLSNLRGRTYTFVAVRARMAPSPG 207
DB 120 XXVAVRARMAPSPG 179
QY 208 FWSAWS 213
DB 180 FWSAWS 185

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RESULT 4
US-08-449-329-10
; Sequence 10, Application US/08449329
; Patent No. 5648334
; GENERAL INFORMATION:
; APPLICANT: Davis, Samuel
; APPLICANT: Squinto, Stephen P.
; APPLICANT: Firth, Mark E.
; APPLICANT: Yancopoulos, George D.
; TITLE OF INVENTION: The Ciliary Neurotrophic Factor Receptor
; NUMBER OF SEQUENCES: 15
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Pennie & Edmonds
; STREET: 1155 Avenue of the Americas
; CITY: New York
; STATE: New York
; COUNTRY: U.S.A.
; ZIP: 10036
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/449,329
; FILING DATE:
; CLASSIFICATION: 530
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/700,677
; FILING DATE: 15-MAY-1991
; ATTORNEY/AGENT INFORMATION:
; NAME: Mistock, S. Leslie
; REGISTRATION NUMBER: 18,872
; REFERENCE/DOCKET NUMBER: 6526-065
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 212 790-9090
; TELEFAX: 212 869864/9741
; TELEX: 66141 PENNIE
; INFORMATION FOR SEQ ID NO: 10:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 185 amino acids
; TYPE: amino acid
; STRANDEDNESS: single
; TOPOLOGY: unknown
; MOLECULE TYPE: peptide
; US-08-449-329-10

Query Match 17.0%; Score 202.5; DB 1; Length 185;
Best Local Similarity 29.6%; Pred. No. 5.8e-15;
Matches 55; Conservative 3; Mismatches 127; Indels 1; Gaps 1;

QY 28 CFTERLEDLVCFWEAASAGVPGNVSFSYQLEDEPMKLCRLHQAPTARGAVRMCSLPT 87
DB 1 CFTQRLLEDLVCFWXXXXXXXXXX-XXXXXXXXXXXXXXXXXXXXXXXXXXXXCXXXX 59
QY 88 ADTSSFVLELAVTAAGAPRYHVIHINEVLLDAPVGLVARLADSGHVLLRMLPPE 147
DB 60 XXXXXXXXXXXXXXXXXXXXXXXXIHINEVLLDAPAGLLARRAEGSHVLLRMXXXXX 119
QY 148 TPMTSHIRYVDVSAAGNGAGVQREILEGRTECVLSNLGRTRTYFVARMAPESFG 207
DB 120 XXXXXXXXXXXXXXXXXXXXXXXXIHINEVLLDAPAGLLARRAEGSHVLLRMXXXXX 179
QY 208 FWSAMS 213
DB 180 FWSAMS 185
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RESULT 5
US-08-445-073-10
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; Sequence 10, Application US/08445073
; Patent No. 5849897
; GENERAL INFORMATION:
; APPLICANT: Davis, Samuel
; APPLICANT: Squinto, Stephen P.
; APPLICANT: Firth, Mark E.
; APPLICANT: Yancopoulos, George D.
; TITLE OF INVENTION: The Ciliary Neurotrophic Factor Receptor
; NUMBER OF SEQUENCES: 15
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Pennie & Edmonds
; STREET: 1155 Avenue of the Americas
; CITY: New York
; STATE: New York
; COUNTRY: U.S.A.
; ZIP: 10036
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/445,073
; FILING DATE:
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/676,647
; FILING DATE: 28-MAR-1991
; ATTORNEY/AGENT INFORMATION:
; NAME: Mistock, S. Leslie
; REGISTRATION NUMBER: 18,872
; REFERENCE/DOCKET NUMBER: 6526-048
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 212 790-9090
; TELEFAX: 212 869864/9741
; TELEX: 66141 PENNIE
; INFORMATION FOR SEQ ID NO: 10:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 185 amino acids
; TYPE: amino acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: peptide
; US-08-445-073-10
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Query Match 17.0%; Score 202.5; DB 2; Length 185;
Best Local Similarity 29.6%; Pred. No. 5.8e-15;
Matches 55; Conservative 3; Mismatches 127; Indels 1; Gaps 1;

QY 28 CFTERLEDLVCFWEAASAGVPGNVSFSYQLEDEPMKLCRLHQAPTARGAVRMCSLPT 87
DB 1 CFTQRLLEDLVCFWXXXXXXXXXX-XXXXXXXXXXXXXXXXXXXXXXXXXXXXCXXXX 59
QY 88 ADTSSFVLELAVTAAGAPRYHVIHINEVLLDAPVGLVARLADSGHVLLRMLPPE 147
DB 60 XXXXXXXXXXXXXXXXXXXXXXXXIHINEVLLDAPAGLLARRAEGSHVLLRMXXXXX 119
QY 148 TPMTSHIRYVDVSAAGNGAGVQREILEGRTECVLSNLGRTRTYFVARMAPESFG 207
DB 120 XXXXXXXXXXXXXXXXXXXXXXXXIHINEVLLDAPAGLLARRAEGSHVLLRMXXXXX 179
QY 208 FWSAMS 213
DB 180 FWSAMS 185
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RESULT 6
US-08-585-258-10
; Sequence 10, Application US/08585258
; Patent No. 5892003
; GENERAL INFORMATION:
; APPLICANT: Davis, Samuel
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; APPLICANT: Squinto, Stephen P.
; APPLICANT: Furch, Mark E.
; APPLICANT: Yancopoulos, George D.
; TITLE OF INVENTION: The Ciliary Neurotrophic Factor Receptor
; NUMBER OF SEQUENCES: 15
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Pennie & Edmonds
; STREET: 1155 Avenue of the Americas
; CITY: New York
; STATE: New York
; COUNTRY: U.S.A.
; ZIP: 10036
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/585,258
; FILING DATE: 11-JAN-1996
; CLASSIFICATION: 530
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/001,904
; FILING DATE:
; APPLICATION NUMBER: US/07/700,677
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Mistrock, S. Leslie
; REGISTRATION NUMBER: 18,872
; REFERENCE/DOCKET NUMBER: 6526-065
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 212 790-9090
; TELEFAX: 212 8698864/9741
; TELEX: 66141 PENNIE
; INFORMATION FOR SEQ ID NO: 10:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 185 amino acids
; TYPE: amino acid
; STRANDEDNESS: single
; TOPOLOGY: unknown
; MOLECULE TYPE: peptide
; US-08-585-258-10

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Query Match      17.0%; Score 202.5; DB 2; Length 185;
Best Local Similarity 29.6%; Pred. No. 5,8e-15;
Matches 55; Conservative 3; Mismatches 127; Indels 1; Gaps 1;

QY 28 CFTERLEDIVCFWEAASAGVCGPNTSFSYOLEDEPWKLCRLHQAPTPARGAVFWCSLPT 87
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DB 1 CFTQRLLEDIVCFWXXXXXXXX-XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX 59

QY 88 ADTSSFVPLELRTAASGAPRYHRVTHINEVVLDPVGLVARLADSGHVLRWLPPE 147
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DB 60 XXXXXXXXXXXXXXXXXXXXXXXXIHINEVVLDPAGILARRAEGSHVLRWXXXXX 119

QY 148 TPMTSHIRYEVDSAGNGASGVORVEILBGRTECVLSNLRGRTRYTFAVARARMAEPSFG 207
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DB 120 XXXXXXXXXXXXXXXXXXXXXXXXIHINEVVLDPAGILARRAEGSHVLRWXXXXX 179

QY 208 FWSAWS 213
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DB 180 FWSAWS 185

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RESULT 7
US-09-211-590-10
; Sequence 10, Application US/09211590
; Patent No. 6316206
; GENERAL INFORMATION:
; APPLICANT: Davis, Samuel
; APPLICANT: Squinto, Stephen P.
; APPLICANT: Furch, Mark E.

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; APPLICANT: Yancopoulos, George D.
; TITLE OF INVENTION: The Ciliary Neurotrophic Factor Receptor
; NUMBER OF SEQUENCES: 15
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Pennie & Edmonds
; STREET: 1155 Avenue of the Americas
; CITY: New York
; STATE: New York
; COUNTRY: U.S.A.
; ZIP: 10036
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/211,590
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/676,647
; FILING DATE: 28-MAR-1991
; ATTORNEY/AGENT INFORMATION:
; NAME: Mistrock, S. Leslie
; REGISTRATION NUMBER: 18,872
; REFERENCE/DOCKET NUMBER: 6526-048
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 212 790-9090
; TELEFAX: 212 8698864/9741
; TELEX: 66141 PENNIE
; INFORMATION FOR SEQ ID NO: 10:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 185 amino acids
; TYPE: amino acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: peptide
; US-09-211-590-10

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Query Match      17.0%; Score 202.5; DB 4; Length 185;
Best Local Similarity 29.6%; Pred. No. 5,8e-15;
Matches 55; Conservative 3; Mismatches 127; Indels 1; Gaps 1;

QY 28 CFTERLEDIVCFWEAASAGVCGPNTSFSYOLEDEPWKLCRLHQAPTPARGAVFWCSLPT 87
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DB 1 CFTQRLLEDIVCFWXXXXXXXX-XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX 59

QY 88 ADTSSFVPLELRTAASGAPRYHRVTHINEVVLDPVGLVARLADSGHVLRWLPPE 147
    |||||||
DB 60 XXXXXXXXXXXXXXXXXXXXXXXXIHINEVVLDPAGILARRAEGSHVLRWXXXXX 119

QY 148 TPMTSHIRYEVDSAGNGASGVORVEILBGRTECVLSNLRGRTRYTFAVARARMAEPSFG 207
    |||||||
DB 120 XXXXXXXXXXXXXXXXXXXXXXXXIHINEVVLDPAGILARRAEGSHVLRWXXXXX 179

QY 208 FWSAWS 213
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DB 180 FWSAWS 185

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RESULT 8
PCT-US91-03896-10
; Sequence 10, Application PC/TUS9103896
; GENERAL INFORMATION:
; APPLICANT: Davis, Samuel
; APPLICANT: Squinto, Stephen P.
; APPLICANT: Furch, Mark E.
; APPLICANT: Yancopoulos, George D.
; TITLE OF INVENTION: The Ciliary Neurotrophic Factor Receptor
; NUMBER OF SEQUENCES: 15
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Pennie & Edmonds

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Query Match	17.0%	Score 202.5	DB 5	Length 185
Best Local Similarity	29.6%	Pred. No. 5.8e-15		
Matches	55	Conservative	3	Mismatches 127
				Indels 1
				Gaps 1

RESULT 9
US-08-184-327A-8
; Sequence 8, Application US/08184327A
; Patent No. 5498599
; GENERAL INFORMATION:

APPLICANT: Choi, Esther S.
APPLICANT: Hokom, Martha M.
APPLICANT: Hunt, Pamela
APPLICANT: Nichol, Janet L.
TITLE OF INVENTION: Compositions And Methods For Stimulating
TITLE OF INVENTION: Platelet Production
NUMBER OF SEQUENCES: 8
CORRESPONDENCE ADDRESS:
ADDRESSEE: Amgen Inc., U.S. Patent Operations/RRC
STREET: 1840 DeHavilland Drive
CITY: Thousand Oaks
STATE: CA
COUNTRY: USA
ZIP: 91320-1789
COMPUTER READABLE FORM:

Query Match	16.8%;	Score 201;	DB 1;	Length 482;
Best Local Similarity	25.1%;	Pred. No. 3.4e-14;		
Matches 66;	Conservative 29;	Mismatches 112;	Indels 56;	Gaps 7;

RESULT 10
PCT-US95-00670-8
; Sequence 8, Application PC/TUS9500670

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Db 25 S0DFVLLALGTEPLNCSQTFEDLTCFWEDEEAA--PSGTYQLLYAYRGEKPRACPLYSQ 82
QY 73 PTANGAVFMCISLPTAD-TSSFVPLELRVTAA--GAPRYHVHINIEVLLDAPVGLVAR 130
Db 83 SVPFGRVYVCOFPAQDEVRLEFPLHLVKNVSLNQTLIQVLPVDSVGLPAPRVIKAR 142
QY 131 LADESGHVLRW-LPPETP--MTSHIREYDVASAGNGASVORVEILEGRT----- 179
Db 143 GGSQPGELQIHWEAPAPISDFLRLHRLKRGPTDSNATAPSV--IQLLSTTCCEPTLMP 200
QY 180 -----ECVLSNLGRGRTYTPAVRARM 200
Db 201 NPVPLDQPCVHPHTASQPHGPRVTPSPAGEAPFLTVKGGSLVSGIQAGKSYWLQLSQP 260
QY 201 AEPFSGFWSAWSEPVSLITPSPD 223
Db 261 DGVSLRSGMGPWSPFPVVDLPD 283

RESULT 13
US-08-457-254-7
; Sequence 7, Application US/08457254
; Patent No. 5986049
; GENERAL INFORMATION:
; APPLICANT: Forstrom, John W
; APPLICANT: Lofton-Day, Catherine E
; APPLICANT: Lok, Si
; TITLE OF INVENTION: PURIFIED THROMBOPOIETIN AND METHOD OF
; TITLE OF INVENTION: MAKING IT
; NUMBER OF SEQUENCES: 24
; CORRESPONDENCE ADDRESSES:
; ADDRESSEE: Zymogenetics, Inc.
; STREET: 1201 Eastlake Avenue East
; CITY: Seattle
; STATE: WA
; COUNTRY: USA
; ZIP: 98102
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/457,254
; FILING DATE:
; CLASSIFICATION: 514
; ATTORNEY/AGENT INFORMATION:
; NAME: Parker, Gary E
; REGISTRATION NUMBER: 31,648
; REFERENCE/DOCKET NUMBER: 94-11C1
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 206-442-6673
; TELEFAX: 206-442-6678
; INFORMATION FOR SEQ ID NO: 7:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 633 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein
; US-08-457-254-7

Query Match 16.8%; Score 200; DB 2; Length 633;
Best Local Similarity 25.1%; Pred. No. 6.6e-14;
Matches 66; Conservative 29; Mismatches 112; Indels 56; Gaps 7;
QY 13 SKALLIARGBEELCTFERLEDLVCFWEAASAGVGNGNSFSYQLEDEPMKICRLHQ 72
Db 25 S0DFVLLALGTEPLNCSQTFEDLTCFWEDEEAA--PSGTYQLLYAYRGEKPRACPLYSQ 82
QY 73 PTANGAVFMCISLPTAD-TSSFVPLELRVTAA--GAPRYHVHINIEVLLDAPVGLVAR 130
Db 83 SVPFGRVYVCOFPAQDEVRLEFPLHLVKNVSLNQTLIQVLPVDSVGLPAPRVIKAR 142

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QY 131 LADESGHVLRW-LPPETP--MTSHIREYDVASAGNGASVORVEILEGRT----- 179
Db 143 GGSQPGELQIHWEAPAPISDFLRLHRLKRGPTDSNATAPSV--IQLLSTTCCEPTLMP 200
QY 180 -----ECVLSNLGRGRTYTPAVRARM 200
Db 201 NPVPLDQPCVHPHTASQPHGPRVTPSPAGEAPFLTVKGGSLVSGIQAGKSYWLQLSQP 260
QY 201 AEPFSGFWSAWSEPVSLITPSPD 223
Db 261 DGVSLRSGMGPWSPFPVVDLPD 283

RESULT 14
PCT-US94-08806-17
; Sequence 17, Application PC/TUS9408806
; GENERAL INFORMATION:
; APPLICANT: Zymogenetics, Inc.
; APPLICANT: 1201 Eastlake Avenue East
; APPLICANT: Seattle
; APPLICANT: WA
; APPLICANT: US
; APPLICANT: 98102
; APPLICANT: APPLICANT: University of Washington
; APPLICANT: Seattle
; APPLICANT: MA
; APPLICANT: 98195
; TITLE OF INVENTION: HEMATOPOIETIC PROTEIN AND MATERIALS AND
; TITLE OF INVENTION: METHODS FOR MAKING IT
; NUMBER OF SEQUENCES: 29
; CORRESPONDENCE ADDRESSES:
; ADDRESSEE: Zymogenetics, Inc.
; STREET: 1201 Eastlake Avenue East
; CITY: Seattle
; STATE: WA
; COUNTRY: USA
; ZIP: 98102
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US94/08806
; FILING DATE:
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: Parker, Gary E
; REGISTRATION NUMBER: 31-648
; REFERENCE/DOCKET NUMBER: 93-12PC
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 206-442-6678
; TELEFAX: 206-442-6673
; INFORMATION FOR SEQ ID NO: 17:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 633 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein
; PCT-US94-08806-17

Query Match 16.8%; Score 200; DB 5; Length 633;
Best Local Similarity 25.1%; Pred. No. 6.6e-14;
Matches 66; Conservative 29; Mismatches 112; Indels 56; Gaps 7;
QY 13 SKALLIARGBEELCTFERLEDLVCFWEAASAGVGNGNSFSYQLEDEPMKICRLHQ 72
Db 25 S0DFVLLALGTEPLNCSQTFEDLTCFWEDEEAA--PSGTYQLLYAYRGEKPRACPLYSQ 82
QY 73 PTANGAVFMCISLPTAD-TSSFVPLELRVTAA--GAPRYHVHINIEVLLDAPVGLVAR 130

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